

In re Patent Application of:  
**BAGNI ET AL.**  
Serial No. **09/728,506**  
Filing Date: **December 1, 2000**  
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**In the Specification:**

Please replace the paragraph beginning at page 4,  
line 5, with the following rewritten paragraph:

J      Starting from such estimations, respective top and  
[[a]] bottom motion coefficients depending on the estimation  
of the motion vectors of the top and bottom half-frame are  
calculated for each macroblock of the top half-frame and  
bottom half-frame. The current picture is recognized as a  
progressive or an interlaced picture as a function of the  
calculated top and bottom motion coefficients. A substantial  
equality of the distributions of values of motion coefficients  
point to an interlaced content by contrast, and a substantial  
inequality of the distribution of values of the coefficients  
point to a progressive content.